

# C-Street Parking Study

November 3, 2015



Presented by:



# Introductions

**Eric Claussen, PE, PTOE**

City of Springfield

**Dane Seiler, PE**

CJW Transportation Consultants

The background of the slide features a light gray gradient with numerous thin, vertical, slightly wavy lines in a muted teal color. A solid teal horizontal bar spans the width of the slide, positioned in the lower half. The text 'Review of the Need' is centered within this bar.

# Review of the Need





## LEGEND



NEEDED NUMBER OF  
PARKING SPACES IN BLOCK



EXISTING NUMBER OF  
PARKING SPACES IN BLOCK



# PARKING ANALYSIS

BLOCK	STREET	NEEDED	EXISTING
W 400 - 430	W COMMERCIAL	94	77
W 200 - 400	W COMMERCIAL	169	139
E 200 - 300	E COMMERCIAL ST	204	41
E 300 - 400	E COMMERCIAL ST	123	68
E 400 - 500	E COMMERCIAL ST	128	44
E 500 - 600	E COMMERCIAL ST	102	84
N 1700 - 1750	N BENTON AVE	7	42
N 1700 - 1750	N BOONVILLE AVE	0	20
N 1700 - 1750	N CAMPBELL AVE	19	11
N 1700 - 1750	N JEFFERSON AVE	9	78
N 1700 - 1750	N ROBBERSON AVE	7	88
	GRAND TOTAL	862	692



The background of the slide features a light gray gradient with numerous thin, vertical, slightly wavy lines in a muted teal color. A solid teal horizontal band spans the width of the slide, positioned in the lower half. The title text is centered within this band.

# Additional Parking Options Explored

# Additional Parking Options

## Angle Parking

+89

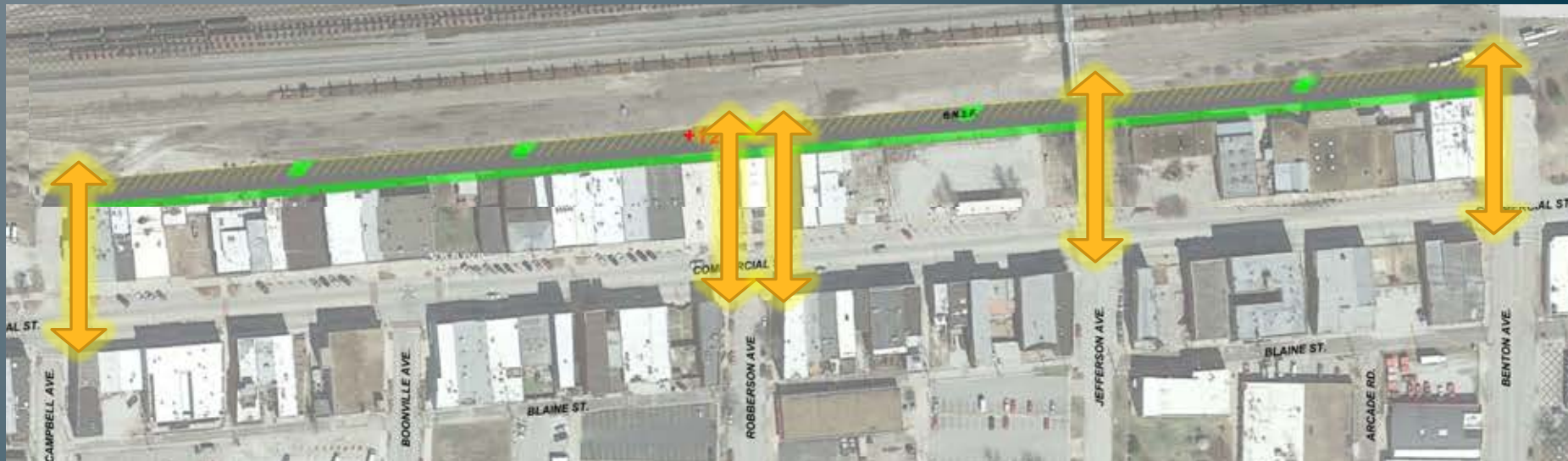


# Additional Parking Options

## Frisco Lane Parking - Angled

+124

- 40' Total Width Needed
  - 10' Buffer
  - 12.5' One Lane Drive Aisle
  - 17.5' Parking Stall
- Pedestrian Access





# Additional Parking Options

## Frisco Lane Parking - Parallel

+77

- 22' Total Width Needed
  - 1' Buffer
  - 12' One Lane Drive Aisle
  - 9' Parking Stall



# Additional Parking Options

## Additional East Parking Lot

+41



# Additional Parking Options

## Additional West Parking Lot

+23

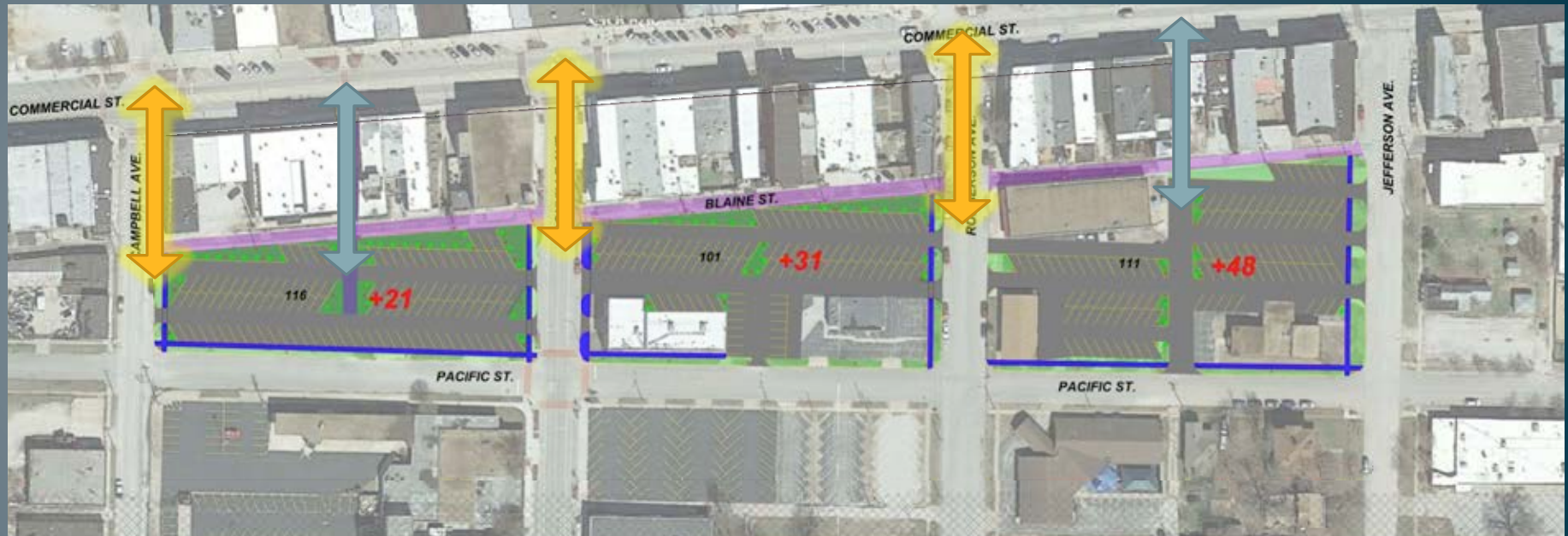




# Additional Parking Options

## Additional Parking Lots

+100



- Pedestrian Access

# Additional Parking Options

## Additional Parking Lots





# Additional Parking Options

## Additional Parking Lots





# Additional Parking Options

## Additional Parking Lots



# Additional Parking Options

## Summary

OPTION	Parking Spots	Net Parking Spot
Angled – Along Commercial	89	<b>+89</b>
Frisco Lane - Angled	124	<b>+124</b>
Frisco Lane – Parallel	77	<b>+77</b>
Parking Lots – South of Blaine	328	<b>+100</b>
Parking Lot – East End	54	<b>+41</b>
Parking Lot – West End	47	<b>+23</b>

# Opinion of Probable Construction Cost

OPTION	Cost per Parking Spot
Angled – Along Commercial	\$150 / Spot
Frisco Lane – Angled	\$10,600 / Spot
Frisco Lane – Parallel	\$12,800 / Spot
Parking Lot – South of Blaine	\$3,900 / Spot
Parking Lot – East End	\$2,900 / Spot
Parking Lot – West End	\$2,300 / Spot

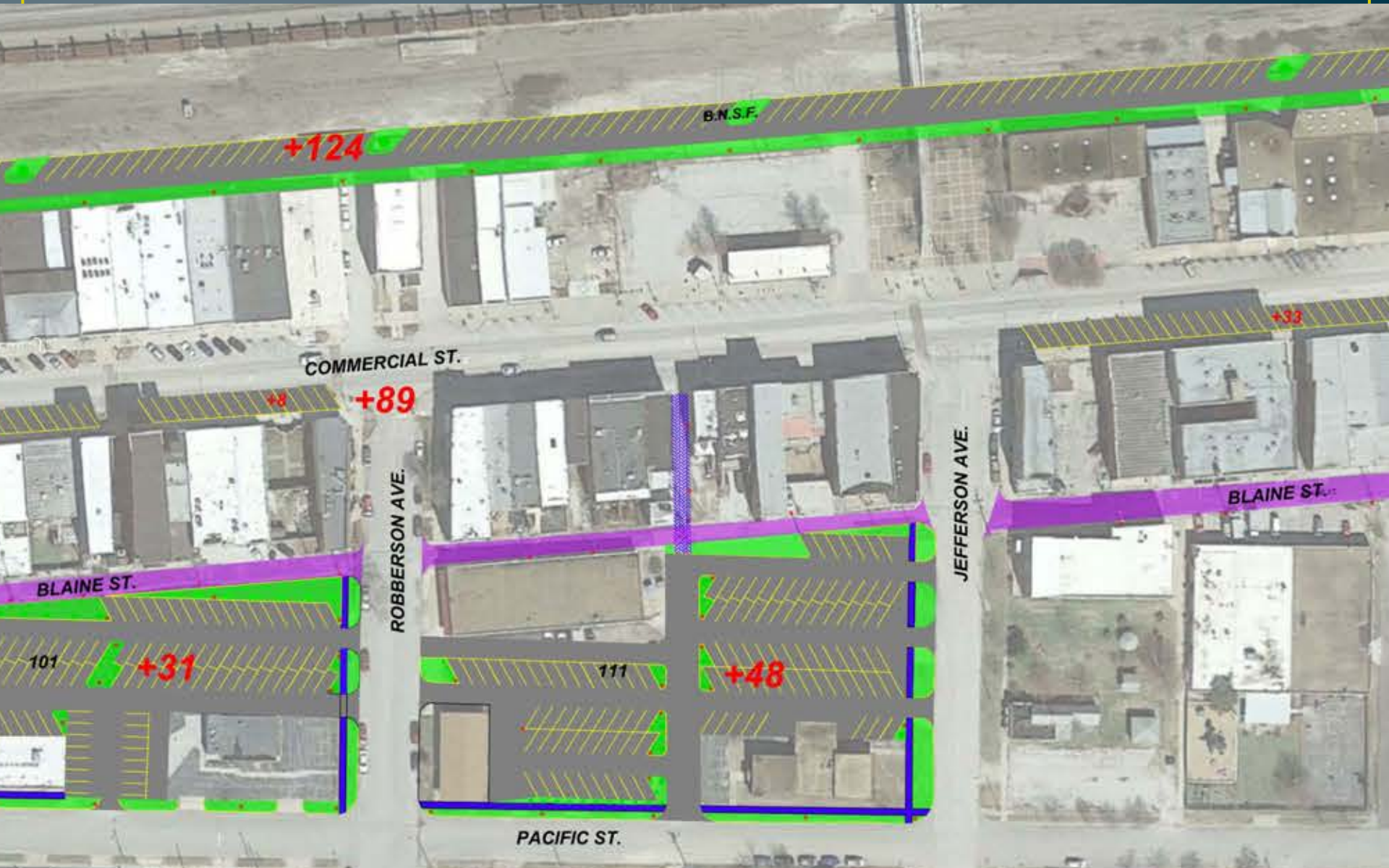


# Additional Parking Overview - West





# Additional Parking Overview - Central





# Additional Parking Overview - East

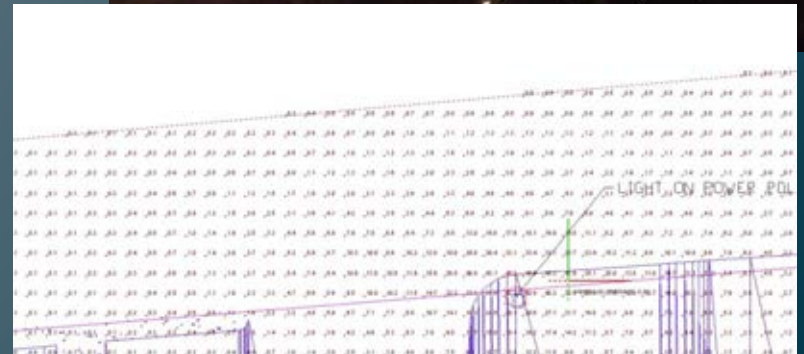
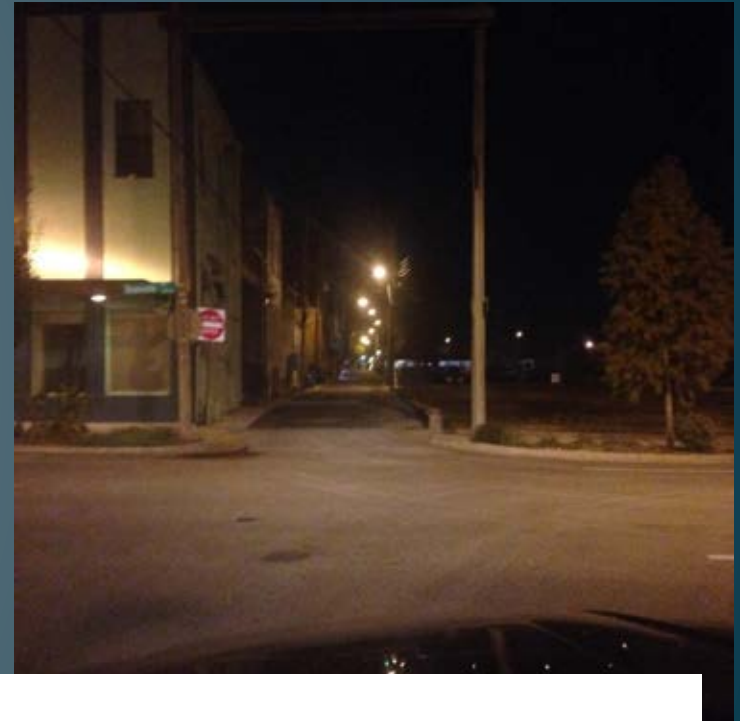




# Blaine - Improvements

# Blaine - Lighting Analysis

- Photometric Analysis
  - Locate Light Poles
  - Estimate Brightness
- Field Review Results
- Findings
  - West of Benton
  - West of Robberson
  - Midblock – Campbell & Jefferson



# Blaine – Additional Improvements

- Pedestrian Way
  - Improved Walking Surface
  - Stamped Asphalt to delineate walking path
- Signing
  - Additional Signage identifying Public Parking
  - Additional Signage showing Commercial Street connections





The background of the slide features a series of thin, vertical, light blue lines of varying heights and slight curves, creating a textured, rain-like effect against a light gray gradient.

---

# Accessible Parking Spaces

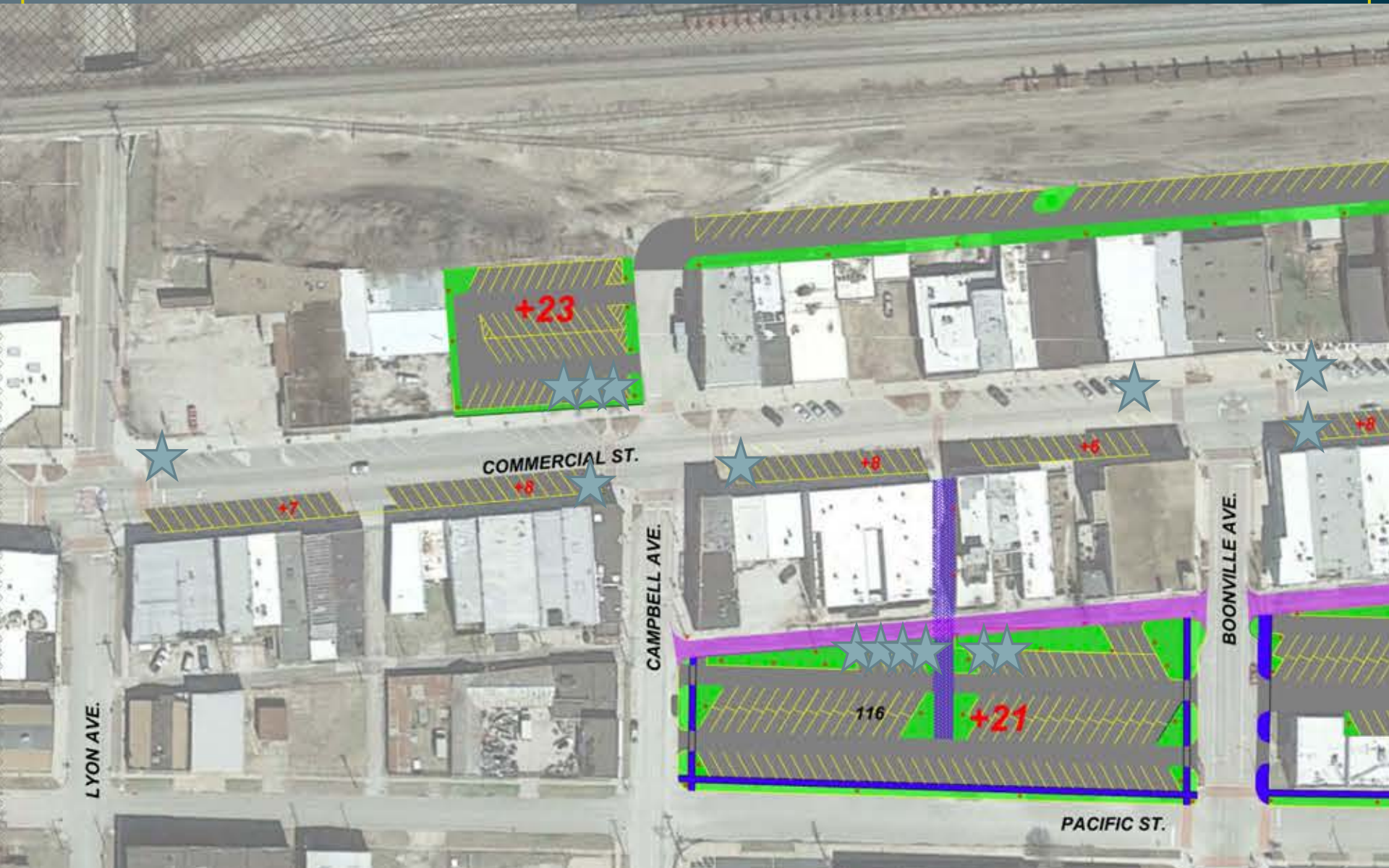
---

# Accessible Parking Space Analysis

- Based upon Current Parking Conditions
  - 28 ADA Accessible Spaces
- Based upon Parking Needs Conditions
  - 36 ADA Accessible Spaces
- Location
  - Close to Crosswalk – Allows use of ADA Ramp for individuals
  - Convenience
    - Along Commercial
  - Needs of the User
    - Additional Parking Lots

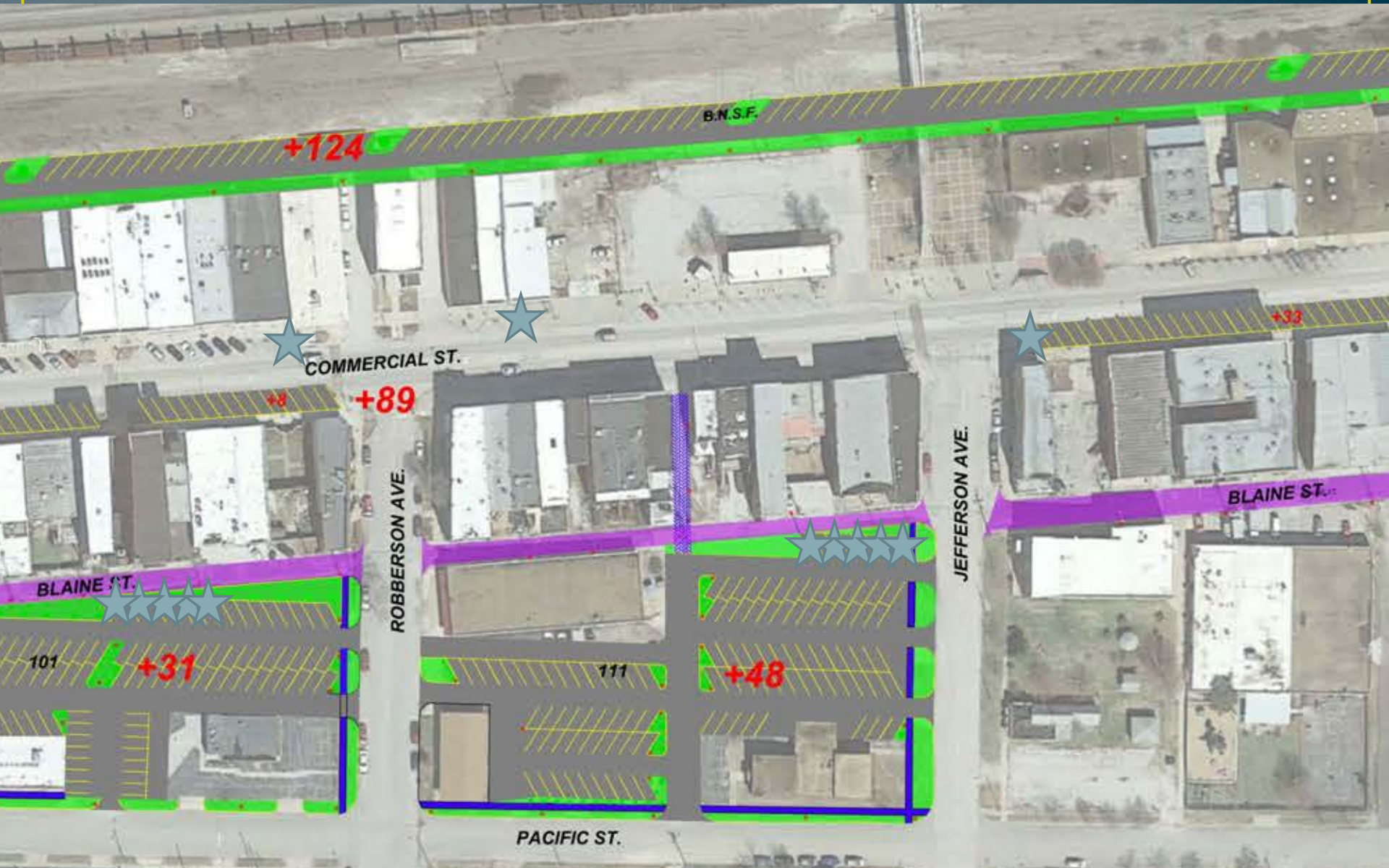


# Additional Parking Overview - West





# Additional Parking Overview - Central





# Additional Parking Overview - East





# QUESTIONS / DISCUSSION

Contact: Eric Claussen at [Eclaussen@springfieldmo.gov](mailto:Eclaussen@springfieldmo.gov)